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PTO/SB/08A (10-01)

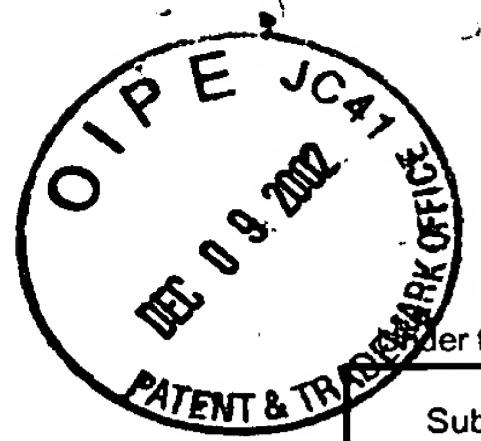
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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
				Application Number	09/688,314
				Filing Date	September 22, 2000
				First Named Inventor	Mark Gurney
				Art Unit	1647
				Examiner Name	Sharon Turner
Sheet	1	of	4	Attorney Docket Number	29915/6280NCP

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	5,424,205	6/13/95	Dovey et al.	
	A2	5,593,846	1/14/97	Schenk et al.	
	A3	5,733,768	3/31/98	Dixon et al.	
	A4	5,744,346	4/28/98	Chrysler et al.	
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	A8	5,849,560	12/15/98	Abraham	
	A9	5,942,400	8/24/99	Anderson et al.	
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	A19	60/168,060		Lin et al.	GROUP 3600
	A20	60/178,368		Lin et al.	
	A21	60/210,292		Hong et al.	
	A22	09/277,229		Citron et al.	
	A23	6,313,268		Hook	
	A24	60/177,836		Lin et al.	
	A25	60/119,571		Basi et al.	
	A26	60/139,172		Anderson et al.	
	A27	60/114,408		Basi et al.	
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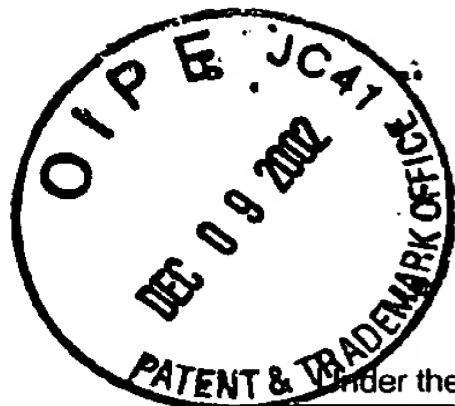
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Sheet	2	of	4	Attorney Docket Number	29915/6280NCP

<i>86</i>	A37	09/724,568		Anderson et al.	
<i>86</i>	A38	09/724,569		Anderson et al.	
<i>86</i>	A39	6,319,689		Powell et al.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>CG</i>	B1	WO 96/31122	10/10/96	Dixon et al.	
	B2	WO 96/40885	12/19/96	Chrysler et al.	
	B3	WO 98/13488	4/2/98	Dyrks et al.	
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	B6	WO 98/26059	6/18/98	Chrysler et al.	
	B7	EP 0855 444 A2	7/29/99	David J. Powell	
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	B9	WO 99/31236	6/24/99	Bougueret et al.	
	B10	WO 99/46281	9/16/99	Wood et al.	RECEIVED
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	B12	WO 00/23576	4/27/00	Hook	DEC 13 2002
	B13	WO 00/47618	8/17/00	Anderson et al.	
	B14	WO 00/58479	10/5/00	Citron et al.	
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	B16	WO 00/68266	11/16/00	Becker et al.	
	B17	WO 00/69262	11/23/00	Zhong et al.	
	B18	WO 01/00663	1/4/01	Tang et al.	
	B19	WO 01/00665	1/4/01	Tang et al.	RECEIVED
	B20	WO 01/29563	4/26/01	Christie et al.	
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	B22	WO 01/36600	5/25/01	Zhu et al.	
	B23	WO 01/38487	5/31/01	Zhu et al.	TECH CENTER 1600/2900
Examiner Signature	<i>S. Gurney</i>			Date Considered	4-17-03

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/688,314
Sheet	3	of	4	Filing Date	September 22, 2000
				First Named Inventor	Mark Gurney
				Art Unit	1647
				Examiner Name	Sharon Turner
				Attorney Docket Number	29915/6280NCP

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

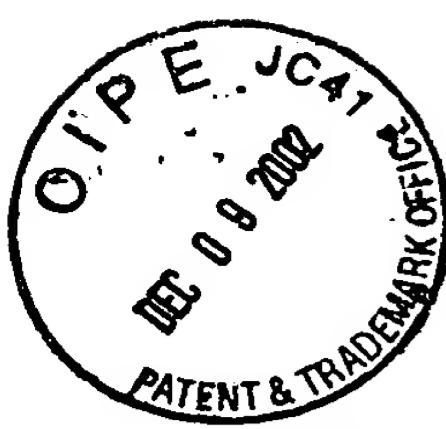
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	C1	CHYUNG et al. Novel β -Secretase Cleavage of β -Amyloid Precursor Protein in the Endoplasmic Reticulum/Intermediate Compartment of NT2N Cells, <i>Journal of Cell Biology</i> , 138: 671-680 (August 11, 1997).			
	C2	EVIN et al., Alzheimer's disease amyloid precursor protein (A β PP): proteolytic processing, secretases and β A4 amyloid production, <i>Amyloid; Int. J. Exp. Clin. Invest.</i> 1: 263-280 (September 8, 1994).			
	C3	HAASS et al., Amyloid β -peptide is Produced by Cultured Cells During Normal Metabolism, <i>Nature</i> , 359: 322-325 (September 24, 1992).			
	C4	HAASS et al., β -Amyloid Peptide and 3-kDa Fragment are Derived by Distinct Cellular Mechanisms, <i>Journal of Biochemistry</i> , 268: 3021-3024 (February 15, 1993).			
	C5	HAASS et al., The Swedish Mutation Causes Early-Onset Alzheimer's Disease by β - Secretase Cleavage Within the Secretory Pathway, <i>Nature Medicine</i> , 12: 1291-1296 (December 1995).			
	C6	HIROSAWA et al., Characterization of cDNA Clones Selected by the GeneMark Analysis from Size-Fractionated cDNA Libraries From Human Brain, <i>DNA Res.</i> , 6(5): 329-336 (October 29, 1999).			
	C7	HUSSAIN et al., Identification of a Novel Aspartic Protease (Asp 2) as β -Secretase, <i>Molecular and Cellular Neuroscience</i> , 14: 419-427 (1999).			
	C8	KANG et al., The Precursor of Alzheimer's Disease Amyloid A4 Protein Resembles a Cell-Surface Receptor, <i>Nature</i> , 325: 733-736 (February 19, 1987).			
	C9	KITAGUCHI et al., Novel Precursor of Alzheimer's Disease Amyloid Protein Shows Protease Inhibitory Activity, <i>Nature</i> , 331: 530-532 (February 11, 1988).			
	C10	KNOPS et al., Cell-type and Amyloid Precursor Protein-type Specific Inhibition of A β Release by Baflomycin A1, a Selective Inhibitor of Vacuolar ATPases, <i>Journal of Biological Chemistry</i> , 270: 2419-2422 (February 10, 1995).			
	C11	KOO and SQUAZZO Evidence that Production and Release of Amyloid β -Protein Involves the Endocytic Pathway, <i>Journal of Biological Chemistry</i> , 269: 17386-17389 (July 1, 1994).			
	C12	PONTE et al., A New A4 Amyloid mRNA Contains a Domain Homologous to Serine Proteinase Inhibitors, <i>Nature</i> , 331: 525-527 (February 11, 1988).			
	C13	SEUBERT et al. Secretion of β -amyloid Precursor Protein Cleaved at the Amino Terminus of the β -amyloid Peptide, <i>Nature</i> , 361: 260-263 (January 21, 1993).			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	09/688,314	
Sheet	4	of	4	Filing Date	September 22, 2000
				First Named Inventor	Mark Gurney
				Group Art Unit	1647
				Examiner Name	Sharon Turner
				Attorney Docket Number	28341/6280NCP

<i>so</i>	C14	SINHA et al., Purification and Cloning of Amyloid Precursor Protein β -Secretase from Human Brain, <i>Nature</i> , 402: 537-540 (December, 2 1999).
	C15	SZECSI, The Aspartic Proteases, <i>Scand. J. Clin. Lab. Invest.</i> , 52 (suppl. 210): 5-22 (1992).
	C16	TANZI et al., Protease Inhibitor Domain Encoded by an Amyloid Precursor mRNA Associated with Alzheimer's Disease, <i>Nature</i> , 331: 528-530 (February 11, 1988).
	C17	VASSER et al., β -secretase Cleavage of Alzheimer's Amyloid Precursor Protein by the Transmembrane Aspartic Protease BACE, <i>Science</i> , 286 (5440): 735-41 (October 22, 1999).
	C18	YAN et al., Membrane-anchored Aspartyl Protease with Alzheimer's Disease β -Secretase Activity, <i>Nature</i> , 402: 533-537 (December 2, 1999).
<i>so</i>	C19	ZHAO et al., β -Secretase Processing of the β -Amyloid Precursor Protein in Transgenic Mice Is Efficient in Neurons but Inefficient in Astrocytes, <i>Journal of Biological Chemistry</i> , 271: 31407-31411 (December 6, 1996).
<i>so</i>	C20	PCT Search report for PCT/US 99/20881
<i>so</i>	C21	MULLAN et al., A Pathogenic Mutation for Probable Alzheimer's Disease in the APP Gene at the N-Terminus of β -Amyloid, <i>Nature Genetics</i> 1: 345-347, (August 1992).
<i>so</i>	C22	Elan and Pharmacia form Alzheimer's disease research collaboration in the area of Beta-Secretase, News 08/09/2000, www.elancorp.com.

Examiner Signature	<i>S. See</i>	Date Considered	4-15-03
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